

11/16/01  
APC-2-01

MEMPHIS SHELBY COUNTY HEALTH DEPARTMENT  
AIR POLLUTION CONTROL SECTION (MSCHD-APC)



814 Jefferson Ave  
Memphis, TN 38105  
Telephone: ( 901 ) 544-7775  
FAX: ( 901 ) 544-7310

NOT TO BE USED FOR TITLE V APPLICATIONS

## PERMIT APPLICATION GENERAL INFORMATION

MSCHD RECEIPT DATE

PLEASE TYPE OR PRINT AND SUBMIT IN DUPLICATE FOR EACH EMISSION SOURCE. ATTACH APPROPRIATE SOURCE DESCRIPTION FORMS.

1. ORGANIZATION'S LEGAL NAME:			MSCHD-APC FACILITY ID.:	
2. MAILING ADDRESS (ST/RD/P.O. BOX):			TENNESSEE SECRETARY OF STATE REGISTERED BUSINESS NUMBER:	
CITY:	STATE:	ZIP CODE:	PHONE WITH AREA CODE:	
3. PRINCIPAL TECHNICAL CONTACT AND TITLE:			PHONE WITH AREA CODE:	
4. SITE ADDRESS (ST/RD/HWY):			PHONE:	FAX:
CITY OR DISTANCE/DIRECTION TO NEAREST REFERENCE POINT:			ZIP CODE:	E-MAIL:
5. STANDARD INDUSTRIAL CLASSIFICATION CODE(S) (SIC)	PRIMARY _____ SECONDARY _____		TERTIARY _____ QUATERNARY _____	
6. BRIEF DESCRIPTION OF EMISSION SOURCE(S). INCLUDE AN OVERALL FACILITY PLOT PLAN INDICATING THE EMISSION SOURCE LOCATION WITHIN THE PLANT:				
7. TYPE OF PERMIT REQUESTED				
<input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> MODIFICATION <input type="checkbox"/> PERMIT TO OPERATE (INITIAL REQUEST -NO PREVIOUS PERMITS) <input type="checkbox"/> PERMIT TO OPERATE (INITIAL REQUEST - CONSTRUCTION PERMIT PREVIOUSLY ISSUED) <input type="checkbox"/> PERMIT TO OPERATE (RENEWAL REQUEST) <input type="checkbox"/> CHANGE OF LOCATION (PORTABLE SOURCES) <input type="checkbox"/> CHANGE OF NAME AND/OR OWNERSHIP		ESTIMATED COST OF EQUIPMENT OR MODIFICATION: \$ _____  AIR POLLUTION CONTROL EQUIPMENT COST: \$ _____  BASIC EQUIPMENT COSTS: \$ _____		
FOR NEW CONSTRUCTION, MODIFICATION, CHANGE OF LOCATION, CHANGE OF NAME AND/OR OWNERSHIP, PROVIDE THE ESTIMATED STARTING AND COMPLETION DATES:				
WAIVER APPROVAL DATE IF APPLICABLE:				
PREVIOUS LOCATION OR LOCATION MOVING FROM, PREVIOUS NAME AND/OR OWNER , IF APPLICABLE (FOR PORTABLE AND NON-PORTABLE SOURCES):				
PREVIOUS SOURCE NUMBER(S) AND PERMIT NUMBER(S) IF APPLICABLE:				
8. DESCRIBE CHANGES THAT HAVE BEEN MADE TO THIS EQUIPMENT OR OPERATION SINCE THE LAST CONSTRUCTION OR OPERATING PERMIT APPLICATION:				
9. SIGNATURE (SEE NOTE):			DATE:	
10. SIGNER'S NAME (TYPE OR PRINT):	TITLE:		PHONE WITH AREA CODE:	

NOTE: APPLICATION MUST BE SIGNED TO BE PROCESSED. SIGNATURE VERIFIES THAT INFORMATION ON ALL FORMS PROVIDED IS TRUE, ACCURATE AND COMPLETE TO THE PERSON'S BEST KNOWLEDGE AND BELIEF. APPLICATIONS SHOULD BE SIGNED BY THE OWNER/OPERATOR OR SENIOR MANAGEMENT OFFICIAL

(OVER)

**TABLE OF POLLUTION REDUCTION DEVICE OR METHOD CODES**  
**(ALPHABETICAL LISTING)**

NOTE: FOR CYCLONES, SETTLING CHAMBERS, WET SCRUBBERS, AND ELECTROSTATIC PRECIPITATORS. THE EFFICIENCY RANGES CORRESPOND TO THE FOLLOWING PERCENTAGES: HIGH: 95-99+%. MEDIUM: 80-95%. AND LOW: LESS THAN 80%. IF THE SYSTEM HAS SEVERAL PIECES OF CONNECTED CONTROL EQUIPMENT, INDICATE THE SEQUENCE, FOR EXAMPLE: 008/010/97%. IF NONE OF THE BELOW CODES FIT, USE 999 AS A CODE FOR OTHER AND SPECIFY IN THE COMMENTS.

NO EQUIPMENT .....	000	LIMESTONE INJECTION--DRY.....	041
ACTIVATED CARBON ADSORPTION .....	048	LIMESTONE INJECTION--WET .....	042
AFTERBURNER--DIRECT FLAME .....	021	LIQUID FILTRATION SYSTEM.....	049
AFTERBURNER--DIRECT FLAME WITH HEAT EXCHANGER.....	022	MIST ELIMINATOR--HIGH VELOCITY.....	014
AFTERBURNER--CATALYTIC.....	019	MIST ELIMINATOR--LOW VELOCITY.....	015
AFTERBURNER--CATALYTIC WITH HEAT EXCHANGER.....	020	PROCESS CHANGE .....	046
ALKALIZED ALUMINA.....	040	PROCESS ENCLOSED .....	054
CATALYTIC OXIDATION--FLUE GAS DESULFURIZATION.....	039	PROCESS GAS RECOVERY .....	060
CYCLONE--HIGH EFFICIENCY .....	007	SETTLING CHAMBER--HIGH EFFICIENCY.....	004
CYCLONE--MEDIUM EFFICIENCY.....	008	SETTLING CHAMBER--MEDIUM EFFICIENCY.....	005
CYCLONE--LOW EFFICIENCY.....	009	SETTLING CHAMBER--LOW EFFICIENCY .....	006
DUST SUPPRESSION BY CHEMICAL STABILIZERS		SPRAY TOWER (GASEOUS CONTROL ONLY).....	052
OR WETTING AGENTS.....	062	SULFURIC ACID PLANT --CONTACT PROCESS.....	043
ELECTROSTATIC PRECIPITATOR--HIGH EFFICIENCY .....	010	SULFURIC ACID PLANT --DOUBLE CONTACT PROCESS.....	044
ELECTROSTATIC PRECIPITATOR--MEDIUM EFFICIENCY .....	011	SULFUR PLANT .....	045
ELECTROSTATIC PRECIPITATOR--LOW EFFICIENCY .....	012	VAPOR RECOVERY SYSTEM (INCLUDING CONDENSERS,	
FABRIC FILTER--HIGH TEMPERATURE .....	016	HOODING AND OTHER ENCLOSURES).....	047
FABRIC FILTER--MEDIUM TEMPERATURE .....	017	VENTURI SCRUBBER (GASEOUS CONTROL ONLY) .....	053
FABRIC FILTER--LOW TEMPERATURE .....	018	WET SCRUBBER--HIGH EFFICIENCY.....	001
FABRIC FILTER--METAL SCREENS (COTTON GINS) .....	059	WET SCRUBBER--MEDIUM EFFICIENCY .....	002
FLARING.....	023	WET SCRUBBER--LOW EFFICIENCY .....	003
GAS ADSORPTION COLUMN--PACKED.....	050	WET SUPPRESSION BY WATER SPRAYS .....	061
GAS ADSORPTION COLUMN--TRAY TYPE .....	051		
GAS SCRUBBER (GENERAL: NOT CLASSIFIED).....	013		

---

**TABLE OF EMISSION ESTIMATION METHOD CODES**

NOT APPLICABLE EMISSIONS ARE KNOWN TO BE ZERO.....	0
EMISSIONS BASED ON SOURCE TESTING .....	1
EMISSIONS BASED ON MATERIAL BALANCE USING ENGINEERING EXPERTISE AND KNOWLEDGE OF PROCESS .....	2
EMISSIONS CALCULATED USING EMISSION FACTORS FROM EPA PUBLICATION NO. AP-42 COMPILATION OF AIR POLLUTANT EMISSIONS FACTORS.....	3
JUDGEMENT .....	4
EMISSIONS CALCULATED USING A SPECIAL EMISSION FACTOR DIFFERING FROM THAT IN AP-42.....	5
OTHER (SPECIFY IN COMMENTS).....	6